

MACHINE FOR APPLYING FIBERGLASS REINFORCEMENTS IN
DISPOSABLE COLUMN FORMS

A pair of rollers (2), constituting the seat and the traction means for the formwork
5 (3) to be reinforced, are established on a bench (1). A pair of upper pressure rollers
(12) act, at the same time, on the formwork. On the same bench (1) there are also
placed, laterally with respect to the formwork (3), a pair of longitudinal guides (15)
for the movement, in parallel to the formwork (3) of a carriage (14) wearing the
fiberglass mesh delivering reel (13), said reel (13) being furthermore mounted on
10 the carriage (14) with the possibility to rotate around the vertical axis, in order to
vary the orientation of the fiberglass mesh with respect to the formwork (3). The
carriage (14), at the end position on the guides (15), delivers the reinforcing band to
the formwork (3) in a perpendicular way with respect to the axis of the latter, and
after turning around the formwork (3) for some times, the carriage initiates the
15 longitudinal movement while the reel (13) adopts an inclined position, until the
opposed end of the formwork (1) is reached, at which moment it reverts to the
perpendicular position and thereafter the direction is changed.